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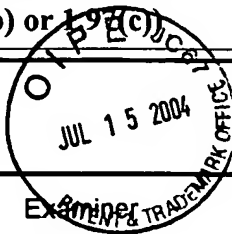
TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(e))				Docket No. 16307	
In Re Application Of: Hannu Paananen, et al.					
Application No. 10/787,041	Filing Date Feb. 25, 2004	Examiner Unassigned	Customer No. 23389	Group Art Unit Unassigned	Confirmation No. 4418
Title: SEPARATION METHOD					
<p>Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p><b>37 CFR 1.97(b)</b></p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p><b>37 CFR 1.97(c)</b></p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p><b>OR</b></p> <p><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>					

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
16307

In Re Application: Hannu Paananen, et al.



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/787,041	Feb. 25, 2004	Unassigned	23389	Unassigned	4418

**SEPARATION METHOD****Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account 19-1013/SSMP as described below.
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I certify that this document and fee is being deposited on July 13, 2004 to the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

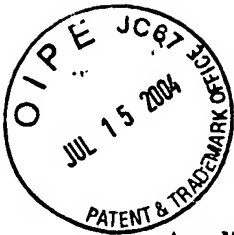
Leopold Presser

Typed or Printed Name of Person Mailing Certificate

Dated: July 13, 2004

Leopold Presser, Reg. No. 19,827  
SCULLY, SCOTT, MURPHY & PRESSER  
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cc: LP:jj



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Hannu Paananen, et al.

**Examiner:** Unassigned

**Serial No.:** 10/787,041

**Group Art Unit:** Unassigned

**Filed:** February 25, 2004

**Docket:** 16307

**For:** SEPARATION METHOD

**Dated:** July 13, 2004

**Confirmation No.:** 4418

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

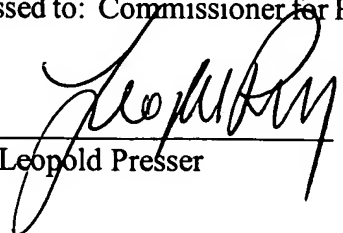
1. U.S. Publication No. US 2002/0011445 A1, dated January 31, 2002 to Lehoucq, et al.;
2. U.S. Patent No. 5,156,736, dated October 20, 1992 to Schoenrock;
3. U.S. Patent No. 5,755,960, dated May 26, 1998 to Callebert, et al.;
4. U.S. Patent No. 5,770,088, dated June 23, 1998 to Ikeda, et al.;
5. PCT Publication No. WO 01/54790 A1, dated August 2, 2001;

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Box 1450, Alexandria, VA 22313-1450 on July 13, 2004.

Dated: July 13, 2004

  
Leopold Presser

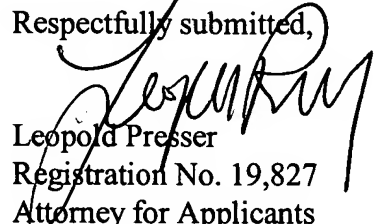
6. Karl Schoenrock, "Performance Limits in Industrial Chromatographic Separation Processes\*", *Zuckerind*, Volume 122, No. 1, Pages 22-27, 1997;
7. Sergio Giacobello, et al., "Design of a Simulated Moving Bed Unit for Sucrose-Betaine Separations", *Journal of Chromatography A*, Volume 872, Pages 23-35, ISSN 0021-9673, 2000; and
8. Giovanni Biressi, et al., "Design and Optimisation of a Simulated Moving Bed Unit: Role of Deviations From Equilibrium Theory", *Journal of Chromatography A*, Volume 876, Pages 3-15, 2000.

The references were cited in the International Search Report of a corresponding International PCT Application. Applicants are submitting copies of the above-cited non-U.S. references, together with a copy of the Search Report. The relevance of the above-identified references has been described in the Search Report.

Consideration of this Information Disclosure Statement is respectfully requested, since the art provided may be material to the examination of the present application as defined under 37 C.F.R. §1.56.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,

  
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Registration No. 19,827  
Attorney for Applicants

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LP:jy

**LIST OF REFERENCES  
CITED BY APPLICANT**

(Use several sheets if necessary)



**Atty. Docket No.**  
16307

**Serial No.**  
10/787,041

**Applicant**  
Hannu Paananen, et al.

**Filing Date**  
February 25, 2004

**Group**  
Unassigned

**U.S. PATENT DOCUMENTS**

EXAMINE R INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE (if appropriate)
	AA	US 2002/0011445 A1	01/31/02	Lehoucq, et al.			
	AB	5,156,736	10/20/92	Schoenrock			
	AC	5,755,960	05/26/98	Callebert, et al.			
	AD	5,770,088	06/23/98	Ikeda, et al.			
	AE						
	AF						
	AG						
	AH						
	AI						

		Foreign Document Number	Date	Country	CLASS	SUBCLAS S	TRANSLATION	
							YES	NO
		WO 01/54790 A1,	08/02/01	PCT			X	

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

		Karl Schoenrock, "Performance Limits in Industrial Chromatographic Separation Processes*", <i>Zuckerind</i> , Volume 122, No. 1, Pages 22-27, 1997;
		Sergio Giacobello, et al., "Design of a Simulated Moving Bed Unit for Sucrose-Betaine Separations", <i>Journal of Chromatography A</i> , Volume 872, Pages 23-35, ISSN 0021-9673, 2000; and
		Giovanni Biressi, et al., "Design and Optimisation of a Simulated Moving Bed Unit: Role of Deviations From Equilibrium Theory", <i>Journal of Chromatography A</i> , Volume 876, Pages 3-15, 2000.

**EXAMINER**

**DATE CONSIDERED**

\* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.